



US Army Corps
of Engineers

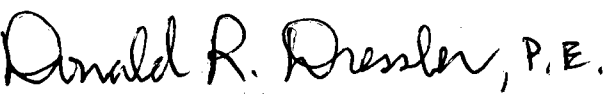
ENGINEERING AND CONSTRUCTION BULLETIN

No. 2002-20 Issuing Office: CECW-ET Issued: 15 July 2002 Expires: 15 July 2004

Subject: Heating, Ventilating, and Air-Conditioning (HVAC) Report on Existing Military Construction (MILCON) Facilities.

Applicability: Information

1. The HVAC report is a result of feedback over the past several years regarding HVAC systems. The US Army Corps of Engineers and Office of the Assistant Chief of Staff for Installation Management (OACSIM) formed a team to look at issues across the Army that concerned HVAC systems. The team was assembled by HQUSACE and included representatives from the ACSIM, the Corps of Engineers districts and laboratories, and installations Departments of Public Works. The team evaluated existing HVAC systems from a complete life cycle perspective (i.e., planning, design, construction, and operation and maintenance (O&M)).
2. Over several months the team visited three barrack complexes and four general-purpose type facilities located on three separate Army installations. Each facility visited had been in operation from one to four years. In addition to performing a site visit of each existing facility, the task force performed interviews with key personnel involved with each project. To perform the interviews the task force broke up into four separate technical groups (planning, design, construction, and O&M) each of which included members specifically knowledgeable in that field. Interviews were performed primarily with master planners, designers, construction representatives, and on-site O&M personnel.
3. The web addresses for the completed cover memorandum, summary of recommendations and HVAC report respectively are listed below.
 - a. <http://www.hnd.usace.army.mil/techinfo/ecb/bauer.pdf>
 - b. <http://www.hnd.usace.army.mil/techinfo/ECB/SUMMARY%20OF%20RECOMMENDATIONS-Final.doc>
 - c. <http://www.hnd.usace.army.mil/techinfo/ECB/HVAC%20Study.doc>
4. Points of contact for this bulletin are Gary Bauer, CECW-ETC, 202-761-1228, and Joe McCarty, CECW-ETE, 202-761-5533.

for  **Donald R. Dressler, P.E.**
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